

Section B (45 Marks)

Que2. Long Answer Questions (Solve any 2 out of 3)

(2x15=30.00)

a.

An 8 month old infant is brought to you for increasing head size noticed by parents since last 4 months.

What is the likely differential diagnosis? (1 mark)

Describe the etiopathogenesis (4 marks) and clinical features (3 marks) of hydrocephalus in an infant.

Which investigations will help you in confirming the diagnosis? (2 marks)

Enlist the complications expected in an infant with untreated hydrocephalus. (2 marks)

Outline the management of pediatric hydrocephalus. (3 marks)

b.

A 33 week gestation neonate is found to have tachypnea, respiratory distress and grunting at 4 hours of life.

Enlist the causes of tachypnea in a preterm and a term neonate. (2 marks)

Outline the clinical approach to any neonate with respiratory distress (3 marks) and describe the investigations to be done (2 marks), so as to identify the etiology.

How will you assess the severity of respiratory distress in a newborn? Explain using any scoring system. (2 marks)

Explain the pathophysiology of Respiratory Distress Syndrome in a preterm baby. (2 marks)

Describe in detail the management of a preterm baby with Respiratory Distress Syndrome. (3 marks)

What measures are taken to prevent or decrease the severity of Respiratory Distress Syndrome in case of an impending preterm delivery? (1 mark)

c.

An 11 month old unimmunized infant presents with cough, cold, fever followed by a red rash on Day 3 of the illness.

Enlist the causes of fever with rash in a child. (3 marks)

Outline the approach to a child having fever with rash. (3 marks)

Describe the etiology (1 mark), clinical features (2 marks), investigations (1 mark), treatment (2 marks), complications (1 mark) and prevention (2 marks) of any one infective etiology of fever with rash in children.





Que3.Short Answer Questions

(3x5=15.00)

a.

Counseling of parents of a child with Down's syndrome, Including genetic counseling

b.

Management of Status Epilepticus

c.

IMNCI approach to management of Severe Diarrhoea

Section C (35 Marks)

Que4.Long Answer Questions

(1x15=15.00)

a.

Classify malnutrition according to WHO classification. (2 marks)

Differentiate between edematous and non-edematous SAM. (2 marks)

Describe the clinical features (2 marks), investigations (2 marks) and management (4 marks) of a child with SAM, including the role of ready-to-use therapeutic foods (1 mark).

Add a note on strategies to prevent malnutrition. (2 marks)

Que5.Short Answer Questions (Solve any 4 out of 5)

(4x5=20.00)

a.

Childhood hypertension

b.

Approach to stridor

c.

Iron deficiency anemia

d.

Hepatic encephalopathy

e.

Developmental milestones of an infant